

Figure 1

Colorspace	Bytes/frame	24 fps bytes/sec.	30 fps bytes/sec.
YCbCr8	4147200	99532800	124416000
YCbCr10	5184000	124416000	155520000
RGB8	6220800	149299200	186624000
RGB10	8294400	199065600	248832000
RGB12	12441600	298598400	373248000

Fig 2A

Pixels 1-2			
Byte 1	Byte 2	Byte 3	Byte 4
uuuuuuuu	yyyyyyyy	vvvvvvvv	yyyyyyyy
left			right

Fig 2B

Pixel 1				
Byte 1	Byte 2	Byte 3	Byte 4	Byte 5
uuuuuuuu	uyyyyyyy	yyyyvvvv	vvvvvvvy	yyyyyyyy
left				right

Fig 2C

RGB8

Pixel		
Byte 1	Byte 2	Byte 3
rrrrrrrr	gggggggg	bbbbbbbb

Fig 2D

RGB10

Pixel			
Byte 1	Byte 2	Byte 3	Byte 4
rrrrrrrr	rrgggggg	ggggbbbb	bbbbbbba

Fig 2E

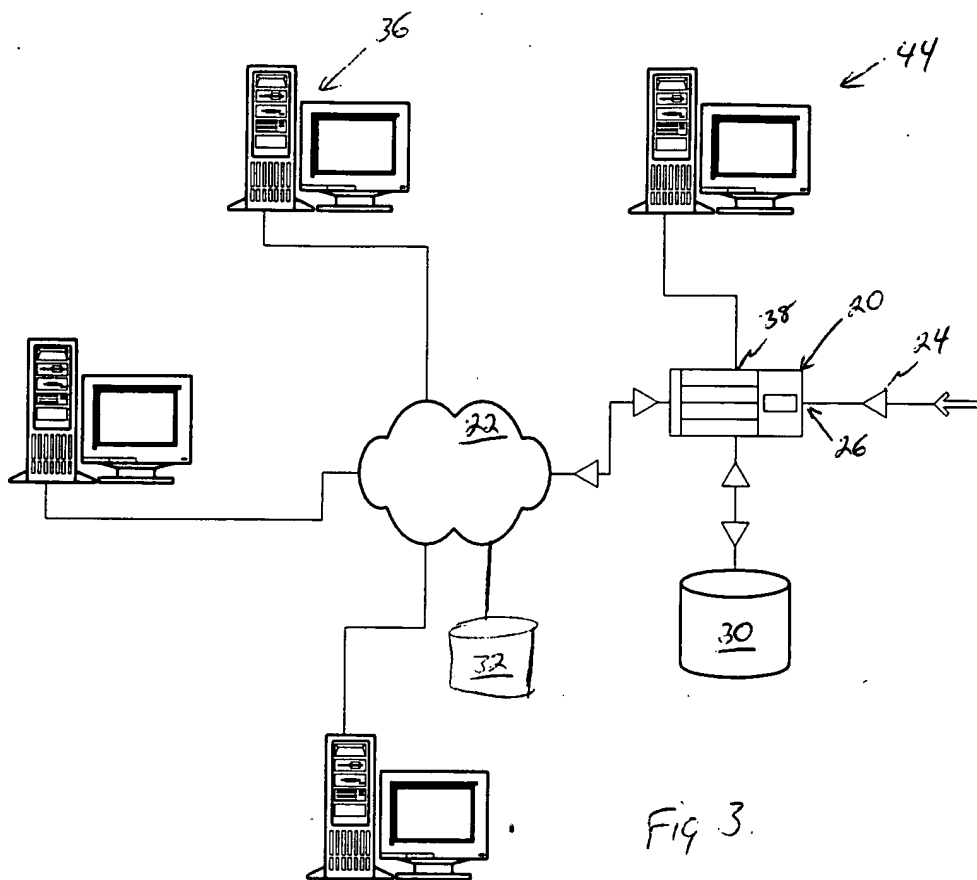
RGB12

Pixel					
Byte 1	Byte 2	Byte 3	Byte 4	Byte 5	Byte 6
rrrrrrrr	rrrrrrrr	gggggggg	gggggggg	bbbbbbbb	bbbbbbbb

10
↓

0977722.070601

Fig 3.



0977272.070601

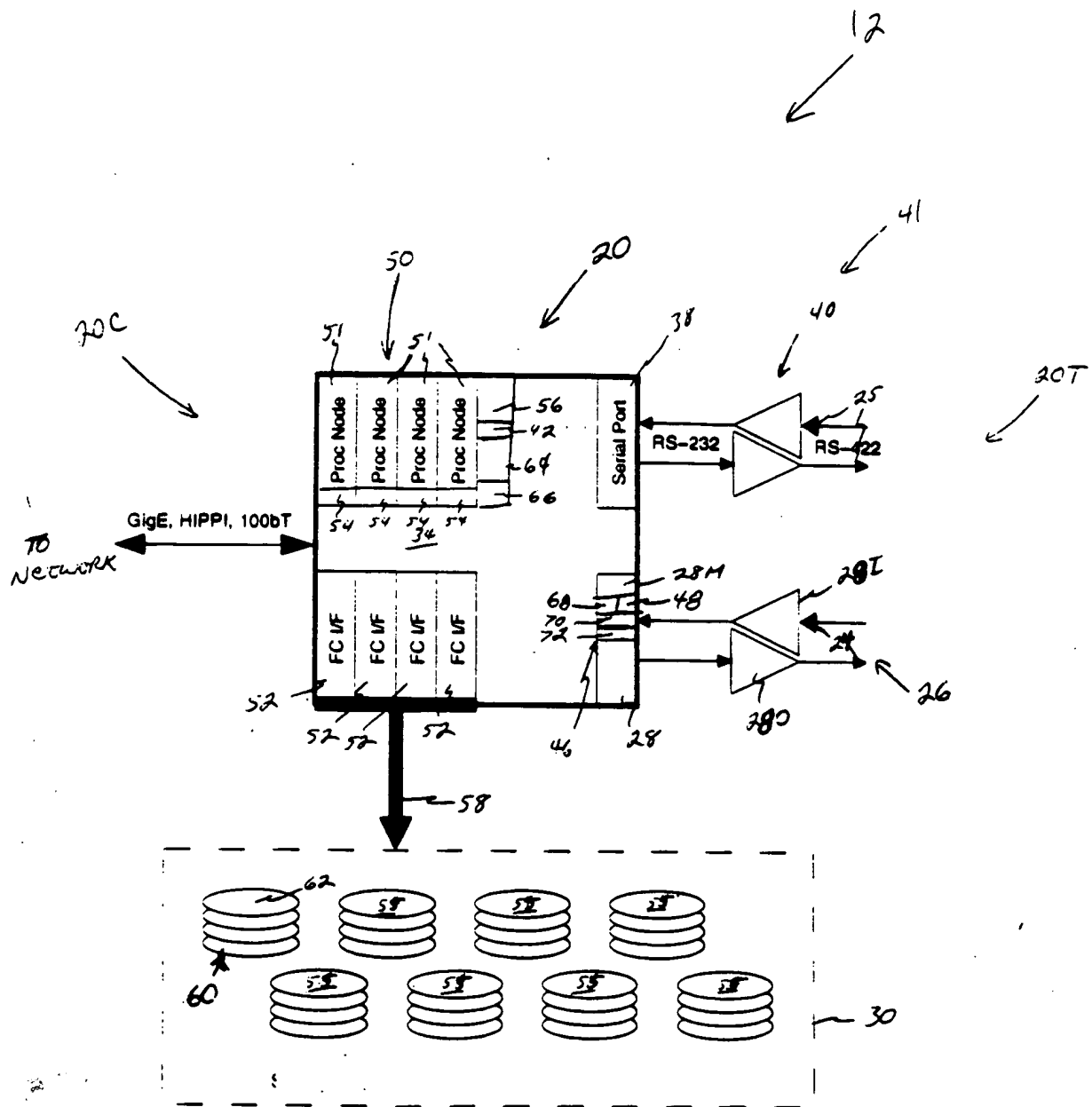


Figure 4

097722-070601

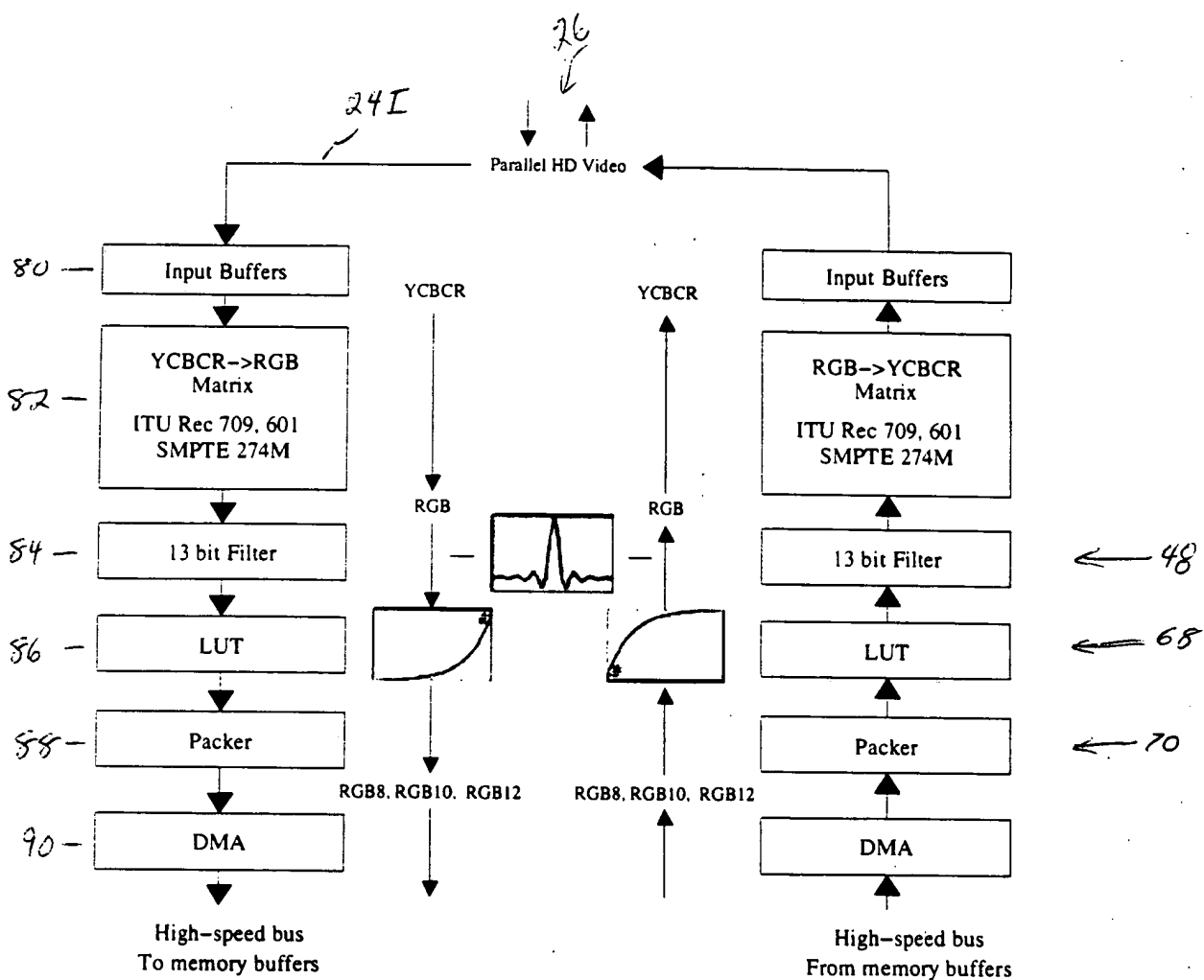


Figure 5

097722E.070601

Fig 6

		CPU Node	
		CPU Node	
		CPU Node	
		CPU Node	
		Fiber Channel I/F Card 15	Empty
		Fiber Channel I/F Card 16	XTHD HDTV Video Card 17
		Fiber Channel I/F Card 18	Empty
		Fiber Channel I/F Card 19	Gig-E Network Card
		Empty	Empty

CPU SLOTS

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